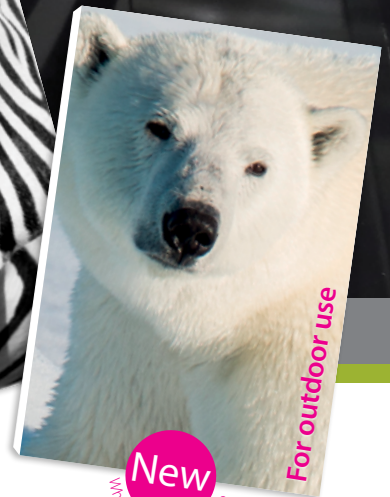
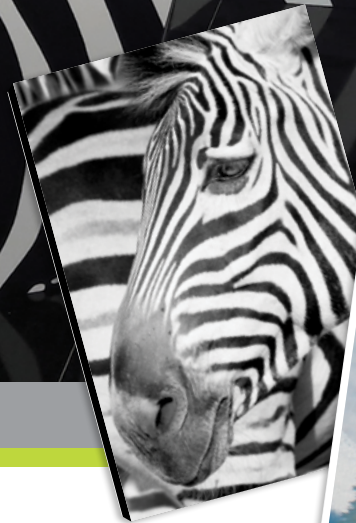




# PALBOARD™

Multilayered PVC Sheet



New  
White · White · White

For outdoor use

## PALBOARD™ Multilayered PVC Sheet

PALBOARD is an innovative multilayered sheet that offers the qualities of rigid and foamed PVC together. Based on Palram's 50 year experience in extruding quality PVC sheets, it combines the surface quality and characteristics of rigid PVC with a reduced weight due to a recycled foamed PVC core.

PALBOARD is easy to fabricate, making it ideal for a wide variety of sign and display applications. It makes an excellent printing substrate and, suitable for digital or traditional printing. PALBOARD can be used in harsh chemical environments due to its high chemical resistance.

[www.palram.com](http://www.palram.com)

PALRAM is a  
partner member of



## Easy to Use

- Rigid yet lightweight, making it easy to fabricate: it is suitable for die cutting, sawing, drilling, milling and routing
- Smooth and uniform surface
- Bright white surface

## Main Benefits

- Hard smooth surface
- Recycled lightweight foamed PVC core
- High structural strength with a relatively low weight
- Excellent chemical and fire resistance
- Easy to fabricate and thermoform
- Good adhesion capabilities
- Good electrical and thermal insulation
- PE protection masking on both sides

## Typical Applications

- Industrial and construction signs
- Point of purchase stands
- Fabricated and structural parts

## Colors

- White - Black
- White - Black - White
- White - White - White **For outdoor use**

## Standard sizes

- Thickness: 3, 5, 10 mm
- Length: 2,440 mm / 3,050 mm
- Width: 1,220 mm / 1,500 mm / 2,030 mm

## Flammability

PALBOARD is self-extinguishing and complies with the most demanding international fire resistance standards in the field of plastics, as indicated in the detailed table herein. The classification is subject to product type, thickness and color.

Standard	Thickness	Classification*
EN13501	3mm	B, s2, d0
	3-10mm	B, s3, d0
UL 94	3-10mm	V-0

\* For more detailed information please contact your Palram distributor.



**PALRAM H.Q.**  
Tel: +972 4 8459900  
Fax: +972 4 8444012  
palram@palram.com  
www.palram.com

**PALRAM EUROPE LTD.**  
Tel: +44 1302 380777  
Fax: +44 1302 380788  
sales.europe@palram.com

**PALRAM AMERICAS**  
Tel: 610 2859918  
Fax: 610 2859928  
palramamericas@palram.com  
www.palram.com/us/

## Typical Physical Properties

Property	Standard	Conditions	Units	Value
<b>Physical</b>				
Density	ASTM D-792		g/cm <sup>3</sup>	0.58 - 0.62
Water absorption	ASTM D-570	24 hr @ 23°C	%	3mm - 0.5 5mm - 0.8
<b>Mechanical – Machine direction</b>				
Flexural modulus	ASTM D-790		MPa	1600
Shore hardness	ASTM D-2240		Shore D	60
<b>Thermal</b>				
Service temperature range			°C	-10 to 55
Heat deflection temperature	ASTM D-648	Load: 1.82 MPa	°C	62
Coefficient of linear thermal expansion	ASTM D-696		10 <sup>-5</sup> /°C	6.7
<b>Electrical</b>				
Surface resistance	ASTM D-257		Ohm	4.1x10 <sup>14</sup>

## PALBOARD 2D 2D Applications

**TWO-Layers - White/Black**  
Palboard 2D has a white, solid, ultra-smooth PVC surface with a rigid, black PVC back. Ideal for flat, image printing and signage applications with black edges and back.

- POP and retail display signs
- Digital and screen printing
- Routed & relief lettering
- Rich, black edge and back make Palboard 2D ideal for stand-offs



77340 - 05.2021

In as much as Palram Industries has no control over the use to which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the material's suitability for his own particular use. Statements concerning possible or suggested uses of the materials described herein are not to be construed as constituting a license under any Palram Industries patent covering such use or as recommendations for use of such materials in the infringement of any patent. Palram Industries or its distributors cannot be held responsible for any losses incurred through incorrect installation of the material. In accordance with our company policy of continual product development you are advised to check with your local Palram Industries supplier to ensure that you have obtained the most up to date information.

©2015 Palram Industries Ltd. | PALBOARD is a trademark of Palram Industries Ltd.

